

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1, 17, and 27-29 in accordance with the following:

1. **(CURRENTLY AMENDED)** An information storage medium to be accessed by a drive,
the information storage medium comprising a reproduction-only area in which maximum
recording speed information, minimum recording speed information, maximum reproducing
speed information, and/or minimum reproducing speed information which indicate whether thea
drive can record and/or reproduce data on the information storage medium are recorded.

2. **(CURRENTLY AMENDED)** The information storage medium of claim 1, wherein the
maximum recording speed information, the minimum recording speed information, the maximum
reproducing speed information, and the minimum reproducing speed information ~~the recording~~
~~speed information and/or the reproducing speed information~~ are recorded in at least one byte of
the reproduction-only area.

3. **(CURRENTLY AMENDED)** The information storage medium of claim 1, further
comprising:

- a lead-in area;
- a user data area; and
- a lead-out area,

wherein the maximum recording speed information, the minimum recording speed
information, the maximum reproducing speed information, and the minimum reproducing speed
information ~~the recording speed information and/or the reproducing speed information isare~~
recorded in a reproduction-only area formed in at least one of the lead-in and lead-out areas.

4. **(CURRENTLY AMENDED)** The information storage medium of claim 3, wherein the
maximum recording speed information, the minimum recording speed information, the maximum

reproducing speed information, and the minimum reproducing speed information ~~the recording speed information and/or the reproducing speed information~~ are recorded in both the lead-in area and the lead-out area.

5. **(ORIGINAL)** The information storage medium of claim 3, wherein the reproduction-only area is a disk control data zone.

6. **(CURRENTLY AMENDED)** The information storage medium of claim 5, wherein the maximum speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~the recording speed information and/or the reproducing speed information~~ are recorded in the third through sixth bytes of the disk control zone.

7. **(CURRENTLY AMENDED)** The information storage medium of claim 5, wherein the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~the recording speed information and/or the reproducing speed information~~ are recorded in two bytes of the disk control zone.

8. **(CURRENTLY AMENDED)** The information storage medium of claim 5, wherein minimum multiple speed data, which is the minimum recording speed data~~information~~ or the minimum reproducing speed data~~information~~, is recorded in an m-th byte of the disk control zone and maximum multiple speed data, which is the maximum recording speed data~~information~~ or the maximum reproducing speed data~~information~~, is recorded in an n-th byte of the disk control zone, and m and n are one of consecutive or discontinuous numbers.

9. **(CURRENTLY AMENDED)** The information storage medium of claim 5, where in the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~the recording speed information and/or the reproducing speed information~~ are recorded in a combination of the zeroth through seventh bits (b0 through b7) of an m-th byte of the disk control zone.

10. **(ORIGINAL)** The information storage medium of claim 9, wherein minimum multiple speed data is recorded in one of the first four bits of the zeroth through seventh bits and the last four bits of the zeroth through seventh bits of the m-th byte, and maximum multiple speed data is recordable in the other of the first four bits of the zeroth through seventh bits and the last four bits of the zeroth through seventh bits of the m-th byte.

11. **(CURRENTLY AMENDED)** The information storage medium of claim 1, wherein the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~the recording speed information and/or the reproducing speed information~~ include maximum multiple speed data and minimum multiple speed data, the minimum multiple speed data being recorded in an m-th byte of the reproduction-only area, and the maximum multiple speed data being recorded in an n-th byte of the reproduction-only area.

12. **(CURRENTLY AMENDED)** The information storage medium of claim 1, wherein the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~the recording speed data and/or the reproducing speed data~~ include maximum multiple speed data and minimum multiple speed data, the minimum multiple speed data being recorded in the first four bits of the 8 bits of an m-th byte of the reproduction-only area, and the maximum multiple speed data being recorded in the last four bits of the 8 bits of the m-th byte of the reproduction-only area.

13. **(CURRENTLY AMENDED)** The information storage medium of claim 1, wherein the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~maximum recording speed data, minimum recording speed data, maximum reproducing speed data, and minimum reproducing speed data~~ are recorded in four bytes of the reproduction-only area.

14. **(CURRENTLY AMENDED)** The information storage medium of claim 1, wherein the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~the recording~~

~~speed information and/or the reproducing speed information are recorded using a combination of bits in a byte of the reproduction-only area.~~

15. **(CURRENTLY AMENDED)** The information storage medium of claim 1, wherein the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~the recording speed information and/or the reproducing speed information~~ are recorded in a hexadecimal or binary format.

16. **(CURRENTLY AMENDED)** The information storage medium of claim 1, wherein the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~the recording speed information and/or the reproducing speed information~~ are recorded in the reproduction-only area at least two times.

17. **(CURRENTLY AMENDED)** A method of recording and/or reproducing data in an information storage medium, the method comprising:

recording, as reproduction-only data in a reproduction-only area, maximum recording speed information, minimum recording speed information, maximum reproducing speed information, and minimum reproducing speed information ~~recording speed information and/or reproducing speed information~~, which ~~is~~ are used to indicate speed capabilities to a drive;

and

recording or reproducing data on the information storage medium when a recording speed or a reproducing speed capability of the drive matches the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~the recording speed information or the reproducing speed information~~.

18. **(ORIGINAL)** The method of claim 17, wherein the recording and/or reproducing are performed by the drive, and wherein the drive and the information storage medium are based on different standards.

19. **(CURRENTLY AMENDED)** The method of claim 17, wherein the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~the recording speed information and/or the reproducing speed information~~ are recorded in at least one byte of the reproduction-only area.

20. **(CURRENTLY AMENDED)** The method of claim 17, wherein the information storage medium includes a lead-in area, a user data area, and a lead-out area, and the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~the recording speed information and/or the reproducing speed information is~~ are recorded in a reproduction-only area formed in at least one of the lead-in and lead-out areas.

21. **(CURRENTLY AMENDED)** The method of claim 20, wherein the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~the recording speed information and/or the reproducing speed information~~ are recorded in both the lead-in area and the lead-out area.

22. **(ORIGINAL)** The method of claim 20, wherein the reproduction-only area is a disk control data zone.

23. **(CURRENTLY AMENDED)** The method of claim 17, wherein the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~the recording speed information and/or the reproducing speed information~~ include maximum multiple speed data and minimum multiple speed data, the minimum multiple speed data being recorded in an m-th byte of the reproduction-only area, and the maximum multiple speed data being recorded in an n-th byte of the reproduction-only area.

24. **(CURRENTLY AMENDED)** The method of claim 17, wherein the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed

information, and the minimum reproducing speed information ~~the recording speed information and/or the reproducing speed information~~ include maximum multiple speed data and minimum multiple speed data, the minimum multiple speed data being recorded in the first four bits of the 8 bits of an m-th byte of the reproduction-only area, and the maximum multiple speed data being recorded in the last four bits of the 8 bits of the m-th byte of the reproduction-only area.

25. **(CURRENTLY AMENDED)** The method of claim 17, wherein the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~maximum recording speed data, minimum recording speed data, maximum reproducing speed data, and minimum reproducing speed data~~ are recorded in four bytes of the reproduction-only area.

26. **(CURRENTLY AMENDED)** The method of claim 17, wherein the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~maximum recording speed data, minimum recording speed data, maximum reproducing speed data, and minimum reproducing speed data~~ are respectively recorded in four bytes of the reproduction-only area.

27. **(CURRENTLY AMENDED)** A drive system for recording and/or reproducing data on an information storage medium having a reproduction-only area in which maximum recording speed information, minimum recording speed information, maximum reproducing speed information, and minimum reproducing speed information ~~recording speed information and/or reproducing speed information~~ which indicates whether a drive can record and/or reproduce data on the information storage medium are recorded, comprising:

a pickup which records and/or reproduces the data from the information storage medium, wherein, when the information storage medium has been inserted into the drive system, the drive system reads out the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~the recording speed information and/or reproducing speed information and the drive system~~ records and/or reproduces data according to the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~recording speed information~~

and/or reproducing speed information.

28. **(CURRENTLY AMENDED)** A drive system for recording data on an information storage medium, comprising:

an audio/video (AV) encoder which compresses an AV signal according to a specified compression scheme and outputs compressed AV data;

a digital signal processor which receives the compressed AV data, adds data for electronic code correction (ECC) processing to the compressed AV data, modulates the resulting data according to a specified modulation scheme, and outputs modulated data;

a radio frequency (RF) amplifier which converts the modulated data into an RF signal and outputs the RF signal; and

a pickup which records the RF signal on the information storage medium,
wherein the data includes the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~recording speed information and/or reproducing speed information~~.

29. **(CURRENTLY AMENDED)** A drive system for reproducing data recorded on an information storage medium, comprising:

a pickup which detects an optical signal from the information storage medium;

a radio frequency (RF) amplifier which converts the optical signal into an RF signal of modulated data and outputs the RF signal;

a digital signal processor which demodulates the modulated data according to a modulation scheme, performs error correction code (ECC) processing, and outputs compressed audio/video (AV); and

an AV decoder which decodes the compressed AV data and outputs an AV signal,
wherein the data includes the maximum recording speed information, the minimum recording speed information, the maximum reproducing speed information, and the minimum reproducing speed information ~~recording speed information and/or reproducing speed information~~.